| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|---|---------------------|---------|------------------|
| L1 | 53064 | (pcb or board) and (via or hole\$1 or opening\$1 or aperture\$1 or recess\$2 or pore\$1) and (cut\$4) and (fill\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 18:59 |
| L2 | 10408 | 1 and (pcb or board) near5 (via or hole\$1 or opening\$1 or aperture\$1 or recess\$2 or pore\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:00 |
| L3 | 4223 | 2 and (fill\$3) near15 (via or hole\$1 or opening\$1 or aperture\$1 or recess\$2 or pore\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:01 |
| L4 | 1155 | 3 and (cut\$4) near5 (via or hole\$1 or opening\$1 or aperture\$1 or recess\$2 or pore\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:01 |
| L5 | 130 | 3 and (cut\$4) near5 (via or hole\$1 or opening\$1 or aperture\$1 or recess\$2 or pore\$1) near15 (metal or aluminum or copper) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:02 |
| L6 | 54 | 5 and (fill\$3) near15 (dielectric or insulat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:03 |
| L7 | 11 | 6 and (cut\$4) near3 (line\$1 or street\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:04 |
| L8 | . 6 | 6 and (cut\$4) near (line\$1 or street\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:53 |
| L9 | 4 | ((cut\$4) near (line\$1 or street\$)) near10 (laser near ablation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:55 |

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| L10 | 13 | ((cut\$4) near (via or hole or opening)) near10 (laser near ablation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:59 |
| L11 | 4 | ((cut\$4) near (recess\$2 or aperture)) near10 (laser near ablation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:57 |
| L12 | 24 | ((cut\$4) near3 (via or hole or opening)) near10 (laser near ablation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:59 |
| L13 | 22 | 12 and method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:59 |
| L14 | 0 | 12 and method with sunstrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 19:59 |
| L15 | 12 | 12 and method with substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:07 |
| L16 | 208 | (ink) near10 (insulat\$3) near10 (fill\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON , | 2005/09/08 20:08 |
| L17 | 46 | (ink) near10 (insulat\$3) near10 (fill\$3) near10 (via or hole or opening) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:15 |
| L18 | 16 | 17 and (method with substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:14 |
| L19 | 13 | 17 and (method with board) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:11 |

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| L20 | 2 | 17 and (method with circuit near substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:14 |
| L21 | 3 | 17 and (method with circuit near3 substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:15 |
| L22 | 0 | (ink) near10 (insulat\$3) near10 (fill\$3) near10 (via or hole or opening) with (cut\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:16 |
| L23 | 3 | (ink) near10 (insulat\$3) near10 (fill\$3) near10 (via or hole or opening) same (cut\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:16 |
| L24 | 16 | (ink) near10 (insulat\$3) near10 (fill\$3) near10 (via or hole or opening) and (cut\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/08 20:16 |